

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------------|------------------|---------|------------------|
| S1 | 0 | ((("Multi-service") or ((multi) adj (service))) and ((TDMA) adj (network)) and (("timeslot") or ((time) adj (slot))) and ((speech) adj (frames))) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S2 | 1 | ("Multi-service") and ((TDMA) adj (network)) and (("timeslot") or ((time) adj (slot))) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S3 | 0 | (US-6772112-\$ or US-6920121-\$ or US-6813252-\$).did. | USPAT | OR | ON | 2007/03/16 01:18 |
| S4 | 0 | (US-6772112-\$ or US-6920121-\$ or US-6813252-\$).did. | USPAT | OR | ON | 2007/03/16 01:18 |
| S5 | 83 | (370/310.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S6 | 0 | ("6987813").URPN. | USPAT | OR | ON | 2007/03/16 01:18 |
| S7 | 1 | ("6819657").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S8 | 1 | "WO 9737466" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 01:18 |
| S9 | 817 | (455/452.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S10 | 861 | (455/453).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S11 | 755 | (455/452.2).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S12 | 20 | ((single) or (one) or ("1")) adj (((("RLC/MAC") or (("RLC") adj ("MAC"))) or ((radio) adj (link) adj (control)))) adj ((packet\$1) or (block\$1))) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S13 | 21 | ((single) or (one) or ("1")) adj (((("MAC/RLC") or ("RLC/MAC") or (("MAC") adj ("RLC")) or (("RLC") adj ("MAC"))) or ((radio) adj (link) adj (control)))) adj ((packet\$1) or (block\$1))) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S14 | 1 | S13 not S12 | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S15 | 1 | ("5974106").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S16 | 3132 | ((370/349) or (370/374) or (370/474)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |

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| S17 | 1 | ((TDMA) adj (network)) and ("multiple access") and (("timeslot") or ((time) adj (slot))) and ((speech) or (voice)) and ((multiservice) or ((multi) adj (service))) | USPAT | OR | ON | 2007/03/16 01:18 |
| S18 | 1 | ("6819657").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S19 | 299 | (370/321).CCLS. | USPAT | OR | OFF | 2007/03/16 01:18 |
| S20 | 29136 | ((370/252) or (370/310.1) or (370/310.2) or (370/314) or (370/320) or (370/321) or (370/324) or (370/326) or (370/328) or (370/329) or (370/336) or (370/338) or (370/341) or (370/347) or (370/349) or (370/352) or (370/353) or (370/354) or (370/355) or (370/356) or (370/374) or (370/395.21) or (370/410) or (370/468) or (370/474) or (370/498) or (370/522) or (370/524) or (370/537) or (455/450) or (455/452.1) or (455/452.2) or (455/453)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S21 | 78 | (370/326).CCLS. | USPAT | OR | OFF | 2007/03/16 01:18 |
| S22 | 29047 | ((370/252) or (370/310.1) or (370/310.2) or (370/320) or (370/321) or (370/324) or (370/326) or (370/328) or (370/329) or (370/336) or (370/338) or (370/341) or (370/347) or (370/349) or (370/352) or (370/353) or (370/354) or (370/355) or (370/356) or (370/374) or (370/395.21) or (370/410) or (370/468) or (370/474) or (370/498) or (370/522) or (370/524) or (370/537) or (455/450) or (455/452.1) or (455/452.2) or (455/453)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S23 | 1371 | (370/347).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |

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| S24 | 28769 | ((370/252) or (370/310.1) or (370/310.2) or (370/320) or (370/324) or (370/328) or (370/329) or (370/336) or (370/338) or (370/341) or (370/347) or (370/349) or (370/352) or (370/353) or (370/354) or (370/355) or (370/356) or (370/374) or (370/395.21) or (370/410) or (370/468) or (370/474) or (370/498) or (370/522) or (370/524) or (370/537) or (455/450) or (455/452.1) or (455/452.2) or (455/453)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S25 | 30161 | ((370/252) or (370/310.1) or (370/310.2) or (370/320) or (370/324) or (370/328) or (370/329) or (370/336) or (370/338) or (370/341) or (370/347) or (370/349) or (370/352) or (370/353) or (370/354) or (370/355) or (370/356) or (370/374) or (370/395.21) or (370/410) or (370/468) or (370/469) or (370/473) or (370/474) or (370/475) or (370/498) or (370/522) or (370/524) or (370/537) or (455/450) or (455/452.1) or (455/452.2) or (455/453)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S26 | 28769 | ((370/252) or (370/310.1) or (370/310.2) or (370/320) or (370/324) or (370/328) or (370/329) or (370/336) or (370/338) or (370/341) or (370/347) or (370/349) or (370/352) or (370/353) or (370/354) or (370/355) or (370/356) or (370/374) or (370/395.21) or (370/410) or (370/468) or (370/474) or (370/498) or (370/522) or (370/524) or (370/537) or (455/450) or (455/452.1) or (455/452.2) or (455/453)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S27 | 43 | (370/374).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S28 | 584 | ("RLC/MAC") or (("RLC") adj ("MAC")) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |

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|-----|-------|---|--------------------|----|-----|------------------|
| S29 | 146 | ((("RLC/MAC") or (("RLC") adj ("MAC"))) or ((radio) adj (link) adj (control))) adj ((packet\$1) or (block\$1))) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S30 | 584 | ("RLC/MAC") or (("RLC") adj ("MAC")) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S31 | 29546 | ((370/252) or (370/310.1) or (370/310.2) or (370/314) or (370/320) or (370/321) or (370/324) or (370/326) or (370/328) or (370/329) or (370/336) or (370/338) or (370/341) or (370/347) or (370/349) or (370/352) or (370/353) or (370/354) or (370/355) or (370/356) or (370/374) or (370/395.21) or (370/410) or (370/442) or (370/468) or (370/474) or (370/498) or (370/522) or (370/524) or (370/537) or (455/450) or (455/452.1) or (455/452.2) or (455/453)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S32 | 28828 | ((370/252) or (370/310.1) or (370/310.2) or (370/320) or (370/324) or (370/326) or (370/328) or (370/329) or (370/336) or (370/338) or (370/341) or (370/347) or (370/349) or (370/352) or (370/353) or (370/354) or (370/355) or (370/356) or (370/374) or (370/395.21) or (370/410) or (370/468) or (370/474) or (370/498) or (370/522) or (370/524) or (370/537) or (455/450) or (455/452.1) or (455/452.2) or (455/453)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |

EAST Search History

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|-----|-------|---|------------------------------|----|-----|------------------|
| S33 | 29546 | ((370/252) or (370/310.1) or (370/310.2) or (370/314) or (370/320) or (370/321) or (370/324) or (370/326) or (370/328) or (370/329) or (370/336) or (370/338) or (370/341) or (370/347) or (370/349) or (370/352) or (370/353) or (370/354) or (370/355) or (370/356) or (370/374) or (370/395.21) or (370/410) or (370/442) or (370/468) or (370/474) or (370/498) or (370/522) or (370/524) or (370/537) or (455/450) or (455/452.1) or (455/452.2) or (455/453)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S34 | 385 | ((TDMA) adj (network)) and (("timeslot") or ((time) adj (slot))) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S35 | 79 | (370/310.2).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S36 | 246 | ((TDMA) adj (network)) and (("timeslot") or ((time) adj (slot))) and ((speech) or (voice)) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S37 | 62 | ((TDMA) adj (network)) and (("timeslot") or ((time) adj (slot))) and ((speech)) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S38 | 8 | ("20020082033" "20020105940" "20020141359" "20030002457" "20040090948" "6532225" "6701151" "6707808").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 01:18 |
| S39 | 110 | ((("RLC/MAC") or (("RLC") adj ("MAC")))) adj ((packet\$1) or (block\$1))) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S40 | 20 | ((single) or (one) or ("1")) adj (((("RLC/MAC") or (("RLC") adj ("MAC")) or ((radio) adj (link) adj (control)))) adj ((packet\$1) or (block\$1))) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S41 | 7 | ("4703477" "4894823" "5905727" "6212230" "6590876" "6609223" "6862278").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 01:18 |
| S42 | 7 | ("4703477" "4894823" "5905727" "6212230" "6590876" "6609223" "6862278").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 01:18 |
| S43 | 20 | ("5771275" "5943399" "6295457" "6314284" "6349224" "6404754" "6483600" "6539237").PN. OR ("6795444").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 01:18 |

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|-----|------|---|------------------------------|----|-----|------------------|
| S44 | 3 | "WO 97/37466" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 01:18 |
| S45 | 21 | ((single) or (one) or ("1")) adj (((("MAC/RLC") or ("RLC/MAC") or (("MAC") adj ("RLC")) or (("RLC") adj ("MAC")) or ((radio) adj (link) adj (control))) adj ((packet\$1) or (block\$1))) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S46 | 7 | ((TDMA) adj (network)) and (("timeslot") or ((time) adj (slot))) and ((speech) adj (frames)) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S47 | 8 | ((TDMA) adj (network)) and (("timeslot") or ((time) adj (slot))) and (((voice) or (speech)) adj (frames)) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S48 | 49 | ((TDMA) adj (network)) and (("timeslot") or ((time) adj (slot))) and ((speech)) | USPAT | OR | ON | 2007/03/16 01:18 |
| S49 | 49 | ((TDMA) adj (network)) and (("timeslot") or ((time) adj (slot))) and ((speech)) | USPAT | OR | ON | 2007/03/16 01:18 |
| S50 | 2 | ((TDMA) adj (network)) and ("TDD") and (("timeslot") or ((time) adj (slot))) and ((speech)) | USPAT | OR | ON | 2007/03/16 01:18 |
| S51 | 4 | ((TDMA) adj (network)) and ("multiple access") and (TDD) and (("timeslot") or ((time) adj (slot))) and ((speech) or (voice)) | USPAT | OR | ON | 2007/03/16 01:18 |
| S52 | 154 | (TDMA) and (("timeslot") or ((time) adj (slot))) and ("RLC/MAC") | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S53 | 150 | (370/314).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S54 | 135 | ((("RLC/MAC") or (("RLC") adj ("MAC")))) AND ((EDGE) near4 (network)) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S55 | 1505 | (370/349).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S56 | 135 | ((("RLC/MAC") or (("RLC") adj ("MAC")))) AND (((EDGE) or ("GPRS/EDGE")) near4 (network)) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |
| S57 | 135 | ((("RLC/MAC") or (("RLC") adj ("MAC")))) AND (((EDGE) or ("GPRS/EDGE") or ("GSM/EDGE")) near4 (network)) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:18 |

EAST Search History

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|-----|------|--|--------------------|----|-----|------------------|
| S58 | 119 | ((TDMA) adj (network)) and ("multiple access") and (("timeslot") or ((time) adj (slot))) and ((speech) or (voice)) | USPAT | OR | ON | 2007/03/16 01:18 |
| S59 | 297 | (370/354).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S60 | 1638 | (370/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S61 | 1919 | (370/329).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S62 | 321 | (370/355).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S63 | 2269 | (370/328).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S64 | 323 | (370/324).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S65 | 3355 | (370/252).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S66 | 419 | (370/336).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S67 | 3428 | (370/338).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S68 | 5504 | (370/352).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S69 | 2344 | (370/468).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S70 | 386 | (370/341).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S71 | 2275 | (455/450).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S72 | 5504 | (370/352).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S73 | 2399 | (370/352).CCLS. | USPAT | OR | OFF | 2007/03/16 01:18 |
| S74 | 344 | (370/353).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S75 | 400 | (370/498).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S76 | 362 | (370/473).CCLS. | USPAT | OR | OFF | 2007/03/16 01:18 |
| S77 | 338 | (370/475).CCLS. | USPAT | OR | OFF | 2007/03/16 01:18 |
| S78 | 547 | (370/473).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S79 | 437 | (370/475).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |

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|-----|------|--|------------------------------|----|-----|------------------|
| S80 | 649 | (370/320).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S81 | 635 | (370/395.21).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S82 | 544 | (370/524).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S83 | 624 | (370/469).CCLS. | USPAT | OR | OFF | 2007/03/16 01:18 |
| S84 | 739 | (370/356).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S85 | 817 | (455/452.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S86 | 755 | (455/452.2).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S87 | 753 | (370/410).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S88 | 786 | (370/537).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S89 | 861 | (455/453).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S90 | 820 | (370/442).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S91 | 820 | (370/442).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S92 | 1189 | (370/338).CCLS. | USPAT | OR | OFF | 2007/03/16 01:18 |
| S93 | 1119 | (370/469).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S94 | 1109 | (370/522).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/16 01:18 |
| S95 | 1 | ((CONSTANTIN) near2 (ILAS)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 12:00 |
| S96 | 10 | ((KONSTANTINOS) near2 (SAMARAS)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 12:01 |
| S97 | 84 | ((JIAN) near2 (WU)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/16 12:02 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--------------------|------------------|---------|------------------|
| L1 | 2 | ((("time division multiple access") or (TDMA)) AND ((speech) or (voice)) AND (((two) or (three) or (four) or (multiple) or (plural)) adj ((speaker\$1) or (user\$1) or (people) or (person\$1))) AND ((encod\$3) SAME (("RLC/MAC") or ("RLC-MAC"))) AND (transmi\$6) | USPAT | OR | ON | 2007/03/16 01:41 |
| L2 | 3 | ((("time division multiple access") or (TDMA)) AND ((speech) or (voice)) AND (((two) or (three) or (four) or (multiple) or (plural)) adj ((speaker\$1) or (user\$1) or (people) or (person\$1))) AND ((encod\$3) SAME (("RLC/MAC") or ("RLC-MAC"))) AND (transmi\$6) | US-PGPUB; USPAT | OR | ON | 2007/03/16 01:41 |